

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property  
Organization  
International Bureau



(43) International Publication Date  
29 January 2004 (29.01.2004)

PCT

(10) International Publication Number  
WO 2004/010593 A3

(51) International Patent Classification<sup>7</sup>: G06F 15/16

(21) International Application Number:  
PCT/US2003/023642

(22) International Filing Date: 18 July 2003 (18.07.2003)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:  
60/397,402 19 July 2002 (19.07.2002) US

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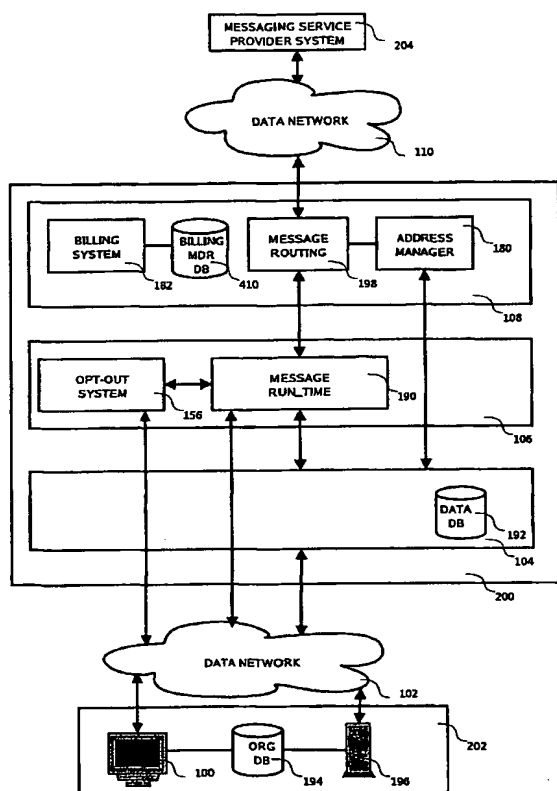
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(81) Designated States (national): AE, AG, AL, AM, AT, AU,  
AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU,  
CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,  
GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC,  
LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW,  
MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC,  
SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA,  
UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (regional): ARIPO patent (GH, GM,  
KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW),

[Continued on next page]

(54) Title: INTEGRATED INTERACTIVE MESSAGING SYSTEM AND METHOD



(57) Abstract: Disclosed is a system and method for organizations to develop, test, execute and analyze messaging programs defining a message application server comprising (a) a dialog designer (104) configured to provide a user interface to allow rapid program creation, to schedule programs for execution, to upload messaging user data into lists, to download program result data, to test programs, to provide reports on messaging programs, (b) a dialog server (106) configured to execute messaging programs to manage simultaneous programs to store messaging user results and message delivery status, to maintain state and session context across message invocations for messaging users within a messaging program, and (c) a message exchange (108) configured to route messages to and from messaging service providers, to manage service addresses, to perform message billing and connected to messaging service providers, whereby organizations can execute messaging programs with messaging users by means for said messaging service.



Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),  
European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE,  
ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO,  
SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM,  
GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

(88) Date of publication of the international search report:  
22 April 2004

*For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.*

**Published:**

- *with international search report*
- *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments*

# INTERNATIONAL SEARCH REPORT

International application No.

PCT/US03/23642

## A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : G06F 15/16  
US CL : 709/206, 238

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 709/202, 204, 206, 207, 227, 238; 703/21, 22; 345/733, 738, 739; 705/32; 717/100, 101, 120, 121, 124, 127

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)  
Please See Continuation Sheet

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 6,205,471 B1 (GILCHRIST et al.) 20 MARCH 2001 Abstract, Column 2, Line 11 through Column 3, Line 35, Column 5, Line 25 through Column 7, Line 6, Column 17, Line 8 through Column 19, Line 49	1-8, 11-31, 35-44
Y	US 6,336,138 B1 (CASWELL et al.) 01 JANUARY 2002 Abstract, Column 3, Line 33 through Column 5, Line 4, Column 17, Line 64 through Column 18, Line 56	1-8, 11-31, 35-44



Further documents are listed in the continuation of Box C.



See patent family annex.

\* Special categories of cited documents:

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"T"

later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X"

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"Y"

document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&"

document member of the same patent family

Date of the actual completion of the international search

27 February 2004 (27.02.2004)

Date of mailing of the international search report

03 MAR 2004

Name and mailing address of the ISA/US

Mail Stop PCT, Attn: ISA/US  
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# INTERNATIONAL SEARCH REPORT

PCT/US03/23642

## Continuation of B. FIELDS SEARCHED Item 3:

USPAT, USPGPUB, IEEE, ACM

Terms: email, modular network application construction, server application development, GUI, multi carrier/organization, state, session, messaging opt-out, message billing, POP/SMTP/SMPP/SMS/EMS/MMS/WAP/SOAP, emulating/simulating/monitoring/managing messaging network application performance/construction/scheduling